

ASTM Property

INFINO.

Grade WP-1041G

Resin Type PC/ABS

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ASTM D792	Natural Color	—	1.09
Melt Flow Index	ASTM D1238	250°C, 10kg	g/10min	32
Mechanical				
Tensile Strength	ASTM D638	50mm/min	kgf/cm ²	500
Elongation at Break	ASTM D638	50mm/min	%	100
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	680
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	20100
IZOD Impact Strength(notched)	ASTM D256	1/8 inch	kgf·cm/cm	55
Rockwell Hardness	ASTM D785	R-scale	—	105
Thermal				
Heat Deflection Temperature	ASTM D648	18.56kgf/cm ²	°C	100
VICAT Softening Temperature	ISO R 306	5kg	°C	110

1. The value above is the representative value of the NP standard and may have deviation. It can only be used for selecting materials.
2. The value above shall not be regarded as a material specification and cannot be used for molding designs.

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